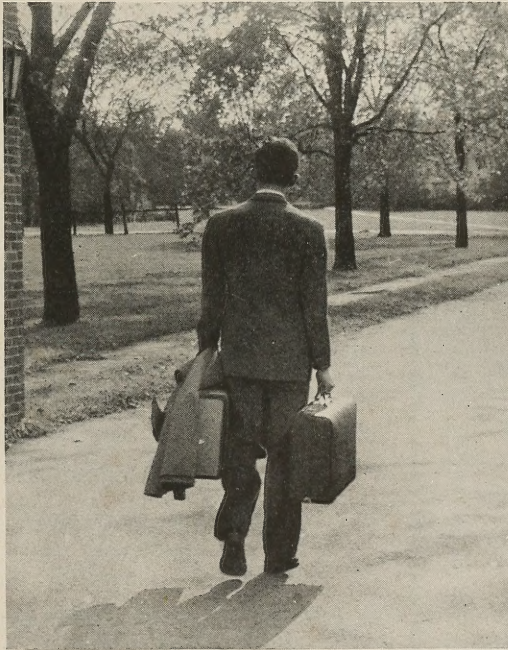


NOVEMBER

~ 1948 ~

THE GLENER

NATIONAL AGRICULTURAL COLLEGE



"How Does The Draft Affect N. A. C. Students?" - Page 5

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FALL OF THE YEAR

By CARL F. LEUTNER

Once again the country-side is a mass of shimmering colors glittering boldly under the warmth of the October sun. Yes, fall is definitely here. No matter where one is, it is ever present. In rural and woodland areas, there are crackling sounds of leaves being crushed under foot. A squirrel rushes to his hideout to add to his winter store, his tail growing bushier by the day with the coming of cold weather.

In suburban areas the swishing sounds of bamboo rakes fill the air, not to mention the disgruntled sounds of protest by the rake wielders. Columns of smoke rise and disappear overhead as the victims of fall succumb to the sweeping flames.

These are just a few of the signs announcing the presence of autumn. To the college student, fall means the beginning of another school term. The campus is a hustle-bustle of activity blended with confusion. Freshmen are in the process of becoming acquainted with their new home and adjusting themselves to the student way of life.

For the veteran student, fall means returning to his books after a period in which the world of studies was forgotten. Upper classmen are busy resuming their studies once again after their summer recess period; and, of course, there is football. Football and autumn go hand-in-hand on the college campus.

To the scientist, fall is the season during which the sun is directly above the Tropic of Capricorn in the northern hemisphere. To the average American, fall is merely the season following summer and preceding winter.

To the farmer, fall is mainly the season of late harvest. It is also a season of preparation. Cover crops are planted, and pruning is started, all with the hopeful knowledge of improving next year's crops.

Now that the growing season has drawn to a close, fall gives the farmer time to pause for reflection. A feeling of satisfaction glows within him as he looks over the soil that yielded an abundance of crops.

In addition to satisfaction, it instills within him a sense of security. He looks forward to the next spring, the dawning of a new year, the beginning of a new cycle. It's good to be done; finished at last.

The GLEANER

NATIONAL AGRICULTURAL COLLEGE

Farm School, Pennsylvania

VOL. LIII

NOVEMBER, 1948

No. 1

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The Gleaner is published throughout the school year by the student body of the National Agricultural College. Entered as second class matter at the Post Office at Farm School, Pa. Subscription rate—\$1.50 per year.

EDITORIALS

During the past month, through orientation speeches and club meetings, we have tried to familiarize the students with the GLEANER.

Well, here it is. It has a new face, new features, and of course, some new members on its staff. We can only discover how good or bad it is through its readers. We worked hard to develop a magazine of this sort. But we can't sit back and relax yet. "Nuff said"—so let's read on and see the role the GLEANER will play in the life of the NATIONAL AGRICULTURAL COLLEGE.

★ ★ ★ ★

As a magazine, we will try to comment in these pages on the doings of the student body and faculty, and on anything that affects the welfare of the student.

We will try through the medium of the printed word, to make our college the best institution of its kind.

★ ★ ★ ★

We hope to hear from you, our readers. You can drop a letter to this magazine or tell any of the editors your criticism. Those items worthy of publication will appear on these pages.

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The Gleaner Staff

on behalf of the entire student body wishes to express its hope for a speedy and quick recovery of

"JIMMY" PETERS

ON THE COVER

We see the familiar scene of a freshman entering N. A. C. In this case we have Frank Brown '52 walking through the college gates loaded down with baggage.

Agricultural Students and the Draft

President James Work and Reverend George M. Whitenack of the Doylestown Draft Board Answer Questions

By DAVE MILLER '50

In attempting to get an answer to our questions on—HOW THE DRAFT REGULATIONS APPLY TO STUDENTS AT N. A. C.—we consulted President James Work and Reverend George Whitenack, chairman of the Doylestown Draft Board. The questions we put before them, and their answers, follow:

Will an R. O. T. C. be started at the college?

President Work: The college applied for an R. O. T. C. on March 29, 1946 and later, on February 27, 1947. The application was answered with the statement that due to budgetary limitations and a lack of qualified instructor personnel, no R. O. T. C. was contemplated until the fall of 1948. Our application is now pending.

(It was President Work's contention that the possibility of having R. O. T. C. at the college was contingent upon the next Congress' passing legislation which would make available funds for commencement of an R. O. T. C. at institutions which have asked for them.)

Will there be any differentiation in

treatment, depending upon whether a student registered in Doylestown or in his home town?

President Work: None.

Reverend Whitenack: None.

(Unofficially—Reverend Whitenack expressed the belief that very few students of the college would be drafted by the Doylestown board. He said the quota of men that would be drafted by the Doylestown board was very small.)

Will agricultural students be exempt for the school year?

What provisions will be made for students returning to school after they have completed their military service?

President Work: They will resume their studies at the point they left off.

Reverend Whitenack: They will be subject to the policy of the school.

Reverend Whitenack made the statement that if a farmer desires to be exempt from the draft he must prove that he is contributing to food production.

President Work made the statement that some colleges had National Guard Units on their campuses due to their

inability to secure an R. O. T. C. Unit. In Texas a situation arose where the National Guard was called out to stop a strike. These National Guard members, the majority of whom were college students, were thus used for service, never contemplated for an R. O. T. C. Unit. This led to great criticism from various groups and is a discouraging factor in respect to the establishment of National Guard Units in colleges.

Under the new draft law, males between the ages 19 and 25 are eligible for induction, except those who are either veterans, married, or have dependents.

WELCOMING ADDRESS BY JAMES WORK FOUNDER'S DAY — 1948

Ladies and gentlemen—distinguished guests: It is my privilege to welcome you to the campus on this Founder's Day, to a college which is but the fruit of the seed planted by Dr. Krauskopf over fifty years ago.

Dr. Krauskopf was a great man. As a student, I absorbed his philosophy. As president, I, to the best of my ability, follow it.

We welcome you to a college which adopted, fifty-two years ago, on the day it was founded, the policy of accepting students without a statement in respect to their religious belief.

We welcome you to a college which, although its major financial support comes from those of the faith of its founder, is, and has been since its birth, strictly non-sectarian, in respect to faculty, staff, and philosophy.

We believe, as Dr. Krauskopf believed, that we must study together, work together, and live together, under one God, each taking pride in the precepts of his own religion.

We welcome you to a college which weighs the citizenship qualities of its students equally with their scholastic attainments. A college which, within its means, closes its doors to no boy, due to his economic position.

It makes us very happy to see so many of our friends here today. It makes us especially happy to have the Governor, and a number of the members of the State Council of Education, here with us.

We dedicate ourselves to the task of justifying the trust placed in us by this Council in granting their approval to the National Agricultural College.



WHAT WILL IT BE? (N.A.C. OR ARMY)

THE GREAT DANBURY FAIR

By ROGER GABLE '50

An American tradition of long standing is the "County Fair." One of the best took place in October near Danbury, nestled in the Berkshire hills of Connecticut. The Danbury Fair, an annual nine-day event, has always drawn a large crowd, surprisingly enough not a one hundred per cent farm group, but including many city folk eager to acquire a vague knowledge and appreciation of country and farm life.

Many an old-timer can vividly describe that certain day in October when father would hitch the old gray mare to the shay and, after much planning, would boldly set off to cover the ten miles that separated town from the fair grounds. This was the big day, and whether child or adult, the previous night's sleep had been a restless one, for the thought of the fair and the long trip ahead kept one tossing all night.

Morning arrived more quickly than anyone had ever thought possible. It was after a good, hearty breakfast that the travelers set off into the cool, clear October morning, heading for the great fair.

During the entire trip Mother kept harping upon three subjects, which seemed so utterly unimportant. Were her preserves good this year; as good as the previous year? Did father think she would win the same prizes again? Was Mrs. Jones' quilt superior in beauty and workmanship to hers?

Father, of course, devoted the entire time of the trip to assuring mother that her culinary ability had not deteriorated and that her quilts were still the best in the country. Besides this, he had to keep a stiff rein on old Nellie, who herself undoubtedly felt the importance of this day manifested in the change of scenery she was witnessing. All this tended to heighten her usual friskiness to an even higher pitch.

Yes, every one had something on his mind. With us it was the amusement section, the animals we were going to see, the carousel we were certainly planning to ride, and, last but not least, the hamburgers, hot dogs and soda pop we were going to put away.

Dad smiled faintly to himself under his big moustache, a smile unperceivable even to the sharp eyes of Mother. This was his day, too. The thought of a day's

freedom from chores and the scrutinizing eyes of Mother gave him great internal glee.

Finally, after hours spent on the dusty crowded roads, we welcomed a stop to rest along the edge of the road. Then at last we arrived at the destination. The nearer we came to the fair grounds the greater became our excitement. Oh, we didn't show it, we were past that age, but still under all disguises it was there. As far as the eye could see, both ahead and behind, was an endless string of horses and carriages. Now we could clearly hear the blaring, martial music of the band playing under the big top.

Father was already craning his neck in the vain hope of spotting an old friend, perhaps one he saw but once or twice a year. Mother's worry of the moment was getting her preserves, pies, breads and any other items she might have brought, ready for competition.

Under the big top was centered the Flower, Vegetable and Farm Produce Show. Honey from Connecticut and maple syrup from Vermont were exhibited. The Fashion Show was the center of attraction for every young girl. Under the same big top was the Schenley National Farm Products Show, fea-

turing fine fruits and vegetables from home gardens.

After leaving the Poultry Show every one in our party always felt satisfied that our own birds at home, although not prize winners, had always supplied the entire family with all the fresh eggs that we desired. What always drew a big laugh out of us were the Houdans—their wildly feathered heads and comical appearance. Even we children showed some interest in the Turkey Exhibit, the larger ones bringing a sparkle to our eyes. If only the few raised at home could turn out like that. What drumsticks we would have!

The final day of the fair was always devoted to entertaining the children. The afternoon started off with the Circus Parade through the fair grounds, ending with a big three-ring show at two o'clock that afternoon. In the old days this would have just about wound up the day's activities, but at the fair of today, speed boat races on the "Aquaway" plus a water show featuring championship water skiing keeps the visitors occupied until five or six o'clock, when the fair closes.

Then begins the long trip back home, and sadly it is that such a wonderful day always comes to an end. Even so, we are already planning for our visit next October to the fair which will be even bigger and better.

NATIONAL AGRICULTURAL COLLEGE

1948-49 Basketball Schedule

Thur., Dec. 16—Eastern Baptist Theological Seminary	Home
Sat., Jan. 8—Lycoming College	Away
Wed., Jan. 12—Wesley Junior College	Home
Wed., Jan. 19—Valley Forge Military Academy	Away
Sat., Jan. 22—College of South Jersey	Away
Sat., Jan. 29—Glassboro State Teachers' College	Home
Wed., Feb. 2—Scranton-Keystone Junior College	Home
Sat., Feb. 5—Potomac State Teachers' College	Away
Wed., Feb. 9—Wilkes College	Home
Sat., Feb. 12—Wilkes College	Away
Wed., Feb. 23—Lycoming College	Home
Sat., Feb. 26—Wesley Junior College	Away
Wed., Mar. 2—College of South Jersey	Home
Sat., Mar. 5—Scranton-Keystone Junior College	Away
Wed., Mar. 9—Valley Forge Military Academy	Home
Sat., Mar. 12—Glassboro State Teachers' College	Away

THE FRESHMAN SUMMER PRACTICUM

By DANNY BUGESLOV

In accordance with the summer practicum program, fifty-six members of our class who had just completed the freshman year, remained at the college during most of the summer. The program was intended primarily to acquaint us with practical farming, so as to supplement our theoretical classroom studies. It was wisely carried out during the summer, at a time when agricultural activity is at its height. We worked at various departments for eight weeks, and were awarded six semester credits for our work.

The class was split into eight groups. Each of these was composed of approximately seven men, who worked at a different branch of the farmstead each week. The work in the various departments included the following:

Poultry: Some of the work consisted of cleaning the dusty brooder house, and brushing and scrubbing all the equipment of the laying houses, in preparation for the pullets that were to be brought in from the range. In addition, we performed the daily routines of egg collecting, cleaning and grading.

Agromony: During the sunny days, work here was at full swing. We spent the days in the distant fields, where the combine and baler worked side by side. Time and again we loaded wagons sky-high with bales of straw and hay, took them to the Home Barn or the Dairy, unloaded there and returned for more bales. Occasionally, we took time off to replenish the depleted water content of our exhausted bodies and to wipe the sweat off our dripping foreheads.

Agricultural Engineering A: Under the able guidance of Mr. Nathan we became skilled, (if not expert) teamsters, as well as operators of tractors, cultivators, mowers and what not. We engaged and disengaged a variety of tractor-drawn implements. The fellows never failed, while drawing the new, red Farmall H, to speed to the fields and back in high gear. All in all, I bet more corn plants than one can count were crushed while being cultivated during that week.

Agricultural Engineering B: Though we derived more pleasure from knocking down and tearing apart the ancient brooder house next to the modern residence of our famous Kennel Club, the main project in Ag. Eng. B was constructing lab tables, as planned by Mr.

Myers, for the physics lab. Besides that, there were numerous incidental jobs, such as welding some broken metal equipment and reshaping others by use of the forge.

Dairy A: Work under Mr. Ace consisted of all kinds of improvement projects in the dairy department. We cleaned and painted the walls and metal stanchions in the three barns. Never before did we realize how much scrubbing had to be applied there in order to remove from all walls and stanchions every trace of that precious by-product of the dairy industry known commonly as manure.

Dairy B: Those who worked at dairy B (namely, the regular, routine work of milking, feeding, etc.), formed a distinct group, and though the group changed each week, there was something unique about it. Its members worked when everyone else slept; slept when everyone else worked and carried a faint, characteristic odor wherever they went.

Horticulture A: Here the students really got a chance to develop their back muscles. We picked peas, throwing some into bushel baskets and eating the rest. We acquired a few blisters on our hands while cultivating the strawberries and vineyard with hoes.

Horticulture B: Carrying out old, depleted soil in wheelbarrows and replacing
(continued on page 14)

Fun and Hard Work This Summer Reap Many Benefits for Juniors

By HERBERT ROSENOFF '50

During the past summer, the Juniors were required to work on private farms. No student looks any the worse for his twelve weeks of hard labor; in fact, the majority look as if country life did them loads of good.

Pounds dropped off as fat turned to muscle, and the men of the National Agricultural College returned to school in September, physically sound in mind and body, better prepared to start their fall studies, having acquired necessary knowledge and experience in their chosen fields.

Here's an example of some of the interesting jobs held by Junior classmen:

MORTY BALLIN worked for Borden's in New York. He made popsicles, melo-roles and frosticks. (I bet he never goes near ice cream any more.)

CHARLIE WOLLINS worked in a kennel. He took charge of the breeding program, and is all tuckered out after a hard summer program.

NORM ROSEN labored at Supplee's in Philadelphia and learned to throw shells of empty milk bottles ten feet without breaking any.

CHUCK RASKIN worked the graveyard shift for Krug's Baking Company. He learned how to bake bread. (Now he can teach Lila.)

Fritz STAEBLE worked on the proverbial farm of "Old McDonald." A few

of the different animals there were cats, dogs, horses, chickens, pigs, dairy and beef cattle. (Fritz must have had a good time.)

GEORGIE ROOMET jerked sodas for Witchwood Dairies in addition to doing general dairy work on the same place.

JACK PERNATIN learned how to feed a bottle washer at Supplee's in Philadelphia.

ERNIE COHEN was a sidewalk superintendent for the Westbury Rose Company.

HAL COLLIDAY combined business with pleasure, landscaping with date making.

ACE MARTIN, following his obsession for being in the air, dusted crops by plane.

DAVE BLUMENFIELD, one of the few fellows who remained at school, worked on the Campbell's Tomato Project. He also took care of the goats for the fellows who were away.

SAUL GOLDSTEIN was a salesman selling aluminum siding. (I wonder if he was a traveling salesman in a farm district?)

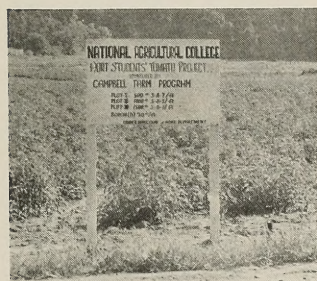
CHET RAUGHT managed a farm in Wyncote.

All the other Juniors worked hard, too, but lack of space prevents our telling everybody's story.

THE 1948 HORT MAJORS' TOMATO PROJECT

By DAVID BLUMENFIELD '50

DURING the summer, a tomato growing project was carried out by Horticulture majors of the junior class. The purposes of the project, which was sponsored by the Campbell Co., and was under the direction of the National Agricultural College Horticultural Department, were as follows: to compare Rutgers tomatoes with other new varieties under varying conditions;



One section of the tomato project. The sign denotes special fertilizer treatment on each of the plots.

to determine the difference, if any, of using varying quantities of fertilizer; to determine if there is a definite boron deficiency in the soil, or to see if the application of borax has any effect whatsoever on yield and quality; and to give us the experience of handling a small acreage of an important crop from plowing to harvesting for canning.

The experimental plot was three acres, divided into six variety blocks of one-half acre each. The sixth variety did not arrive; so we used Rutgers for two blocks and Garden State, Ontario, 378A, and 178 for the rest. Each variety block consisted of three fertilizer plots with five hundred pounds, one thousand pounds and fifteen hundred pounds of 5-8-7 fertilizer used respectively. Two out of every four rows had an application of borax at the rate of twenty pounds per acre.

On May 11 we got the plants off to a good start with the machine planter, giving them water and five hundred pounds of fertilizer per acre at the roots, ready to be absorbed. We applied five hundred more pounds of fertilizer per

acre on the second plot of each variety block, or one pound per six plants, or approximately one handful per plant. On the third plot of each variety block we applied one thousand pounds per acre, or one pound for every three plants, or two handfuls per plant.

The borax was applied at the rate of twenty pounds per acre, or one-tenth of an ounce per plant. We also applied one hundred pounds of sodium nitrate per acre, or about one handful for every five plants.

On July 9 we applied the first of the following five sprays: Zerlate, Bordeaux (8-4-100), Bordeaux (8-4-100), *Copper X*, and *Copper X*. Lead arsenate was added to one spray to clean out the tomato hornworms. Early in the season we dusted for flea beetles, using fifteen pounds of rotenone dust per acre. The spraying appeared effective against blight, as only 178, which is very susceptible to blight, had the disease to any very great extent.

About ninety-five per cent of the field had a mild attack of mosaic. Anthracnose was serious on many sprayed fields in this area, including our own during the latter part of the season. Rutgers appeared to be more resistant to anthracnose than the other varieties.

On June 2 we made the first of four cultivations in which we used the one-horse cultivator, the two-horse cultivator, and the garden tractor. The wet weather enabled the weeds to establish a strong foothold which we were never able to make them totally relinquish. The big offender was Gallansoga, an immigrant from South America that is making good in our country. But Gallansoga proved to be a blessing in disguise, for during the heat waves in

August it prevented much sunscald. Other weeds on the field were carpet weed, pigweed, smartweed, pusley, lamb's quarter, velvet leaf, and crab grass.

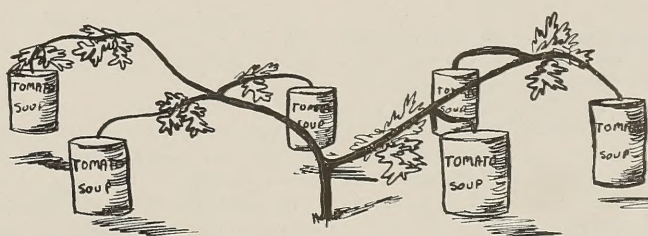
During the growing season, from the time of planting to the last harvest, our expectations for a big yield went up and down like the stock market. At the beginning of the season, with a tremendous set of fruit, we were expecting a phenomenal yield; instead the early rains rotted much of the fruit. Bad weather at picking time, and an unusually severe attack of anthracnose, decreased our yield by tons.

One fact that was indelibly impressed in my mind was that a canning tomato should be dead ripe (deep red and soft) for harvest. Other defects which lower the grade are sunscald, anthracnose, stems, decay, and discolored cracks.

For grading purposes only two baskets from one hundred, and three from two hundred are taken. A typical rating slip indicated the pounds and percentage of U. S. No. 1, U. S. No. 2, and culls. The grower is not paid for culls, and if you have more than ten per cent culls, your entire load is rejected.

The general results of the experiment were as follows: the boron had no effect on yield or the market value of the tomato; fertilizer application in excess of five hundred pounds per acre was not beneficial, (and may even have done some harm on our heavy soil); and Rutgers seemed to be superior on our field to the other varieties in yield, disease resistance, and market value.

The most important result of the project, however, was the experience and knowledge gained by all the fellows who participated.



SPORT FLASHES

By ERNIE COHEN '50

Well, another football season is about to end and the Aggies have demonstrated that they can play well against other four-year colleges.

★ ★ ★ ★

How does N.A.C. shape up in other sports? In line with the new college policy, the Bulldogs have played their last J.V., freshman and prep school games. This statement holds true for all sports: football, basketball, and baseball.

The going may be rough for a while, but that's the only way they can get into the center of the collegiate sports picture.

★ ★ ★ ★

The basketball team promises to be a lot stronger this year. The tentative schedule looks rough. Those perennial rivals, GLASSBORO STATE TEACHERS and SCRANTON KEYSTONE, will be here again, and prospects show that after these games they will know that this isn't Farm School any more.

The first game is with the EASTERN BAPTIST THEOLOGICAL SEMINARY on December 16. Other new faces are: LYCOMING COLLEGE, COLLEGE OF SOUTH JERSEY, and POTOMAC STATE TEACHERS COLLEGE. There will be others, too, but we are confident that N.A.C.'s first season will find us with a winning team.

★ ★ ★ ★

Looking further ahead, we see many of our basketball rivals appearing on our baseball schedule. The team will be much stronger on the mound and in other positions this coming season.

★ ★ ★ ★

If enough student interest is shown in such sports as track, soccer and wrestling, the possibilities of instituting these activities are very good.

★ ★ ★ ★

By next fall, our all-collegiate football schedule will be in full swing. Don't be surprised if you find the N.A.C. football team of '49 playing schools which seemed out of our class a few years back. Such schools as ADELPHI, URSINUS, RIDER, C.C.N.Y. and TRENTON STATE TEACHERS COLLEGE may be on our schedule soon.



Mike Scheier (76) preparing to chuck a pass during one of the recent football games.

— Alumni News —

The National Agricultural College Alumni Association plays a great role in many of the activities of the school. It will again be the policy of this column, as it has been in the past, to bring into the limelight as much news as we can gather concerning our alumni.

★ ★ ★ ★

The greatest project ever carried out by our alumni is now under way. Money is being raised to begin construction of a new building at the National Agricultural College. This building is to be called ALUMNI HALL, and is to consist of classrooms, offices, a gymnasium and a swimming pool.

During the alumni reunion last May, the appeal was answered by total donations of well over \$10,000. A contribution of \$5000 was made by an "unknown alumnus"—Can you guess who?

The drive is progressing exceptionally well, and it won't be long before we see that new building at N.A.C.

★ ★ ★ ★

Everyone who knew him was greatly shocked upon learning of the death of David Platt '23.

As a student at this school he was on the staff of the GLEANER, and also par-

ticipated in debating and public speaking. At the time of his death he was vice-president and general manager of the Max Schling Seed concern. He also was associated with the Standard Bulb Company of New York and with the American Bulb Company, Chicago, of which Abe Miller '07 is president.

David Platt served as the New York Chapter president, later President of the National Alumni and finally as an Alumni member of the board of trustees.

Mr. Platt is survived by his wife, Miriam, and his ten-year-old son, Billy.

★ ★ ★ ★

CONGRATULATIONS: to Sam and Eva Rudley '08 on their 25th wedding anniversary; and to Louis A. Burd '02 and his wife on the occasion of their 40th wedding anniversary.

JUST MARRIED: Mr. Kurt Nathan '41 to Miss Barbara E. Wilson, on July 17th.

★ ★ ★ ★

Below are excerpts from a letter received from "Turk" Burstein, formerly of N.F.S., now attending Oregon State University, by Mr. Sam Rudley, editor of the ALUMNI GLEANINGS:

"Dear Sam:—Finally settled down, registration and the first week of class is now over. This is one beautiful school

with a good agricultural department, but if I am not making judgment too soon, I honestly think that an ambitious student at National Agricultural College would get much more out of his time spent than a student would get here. This opinion is unbiased and based on what I have seen here. The small classes and the close relationship between student and faculty at N.A.C. is a marvelous factor in helping a student get and retain what is to be learned.

"N.A.C. may not have some of the equipment that we have here at Oregon State, but it sure makes up any deficiencies in a hundred other ways.

"My schedule is now made up of Dairy Husbandry, Elements of Agronomy, General Chemistry, Botany and elements of Horticulture. With the exception of Chemistry these courses will not cover any more than I learned in my freshman year with Mr. Henry Schneider. As time goes on I will get advanced subjects that they are now teaching at N.A.C.

"Will you send me a football schedule for this season and be sure and send the GLEANINGS to me. Thanks."

"Turk" Burstein (Bennett)

328 N. 5th Street,

Corwallis, Oregon

P. S.—Relay this message to the team —"A BUCKET OF BLOOD."

RAMBLINGS IN POULTRY

By SAUL GOLDSTEIN '50

A number of varied and interesting projects are being undertaken by the poultry majors of the National Agricultural College this semester. The projects will consist of the complete remodeling and modernization of the college poultry plant. The ultimate purpose is to make it one of the most outstanding college plants in the country.

In this undertaking, independent work and study will be carried on by each student under the direction of Professor Raino Lanson, head of the Poultry Department. At least six hours a week will be devoted to a problem by each major, and written and oral reports will be given regularly by each individual,

indicating what has been accomplished. Following is a list of the various problems and the student in charge of each:

1. Study and assist in setting up a breeding program—Chet Raught.

2. Study and assist in planning and developing an adequate egg cooling, washing and storage room—John Reed.

3. Study and assist in planning and developing a hatchery and brooding program—Joe Fulcoly.

4. Study and assist in planning and developing an adequate poultry killing laboratory—Saul Goldstein.

Apart from his individual problem, each poultry major will aid in the management of the N.A.C. poultry plant. In the short time that this program has been in effect, much improvement can be noted in the various branches of the N.A.C. Poultry Department.

Poultry Judging Contest

Of great interest to the students, particularly the sophomore and junior Poultry Husbandry majors, is the forthcoming Eastern Intercollegiate Poultry Judging Contest to be held November 26-27, at Rutgers University, New Brunswick, New Jersey.

It will mark the first time in the history of N.A.C. that a team will be entered in the collegiate poultry judging competition. Among the various colleges entered in the competition are: Vermont, Massachusetts, Connecticut, New Hampshire, Rhode Island, Rutgers, Penn State, Cornell, Delaware, Maryland, Ohio State, and N.A.C.

For the past few weeks, the Poultry majors have been competing for places on the team under the training of Mr. Lanson. The team will consist of the three highest ranking students and one alternate.

Competition for a place on the team to represent the college has been very keen and, as of this date, Joe Fulcoly is far ahead of the field, but competition for the other three positions is very close.

Whoever makes the college team will have the best wishes of the entire student body behind him at New Brunswick.

Poultry Society News

With the new semester well under way, the N.A.C. Poultry Society is once again in full swing. One of the most active clubs on the campus for the past few years, the Poultry Club has as its aim the broadening of the individual student's knowledge of Poultry Husbandry. This is done by conducting a practical project in the field of poultry each year.

Last year the society carried on as its project, the raising of 300 broilers from day-old chicks until they were ready for market. As yet the society has not decided on a project for this year.

Apart from its annual project, the Poultry Society aims for further interest among the students by having speakers appear at the meetings. Motion pictures are also shown in conjunction with the speaker's topic.

This year, Prof. Raino W. Lanson will act as advisor to the Poultry Society. Meetings are held on the first and third Wednesdays of each month. Any student interested in Poultry, Animal Husbandry, and Food Industries, will gain considerable knowledge and experience from the society's activities.

Something New Has Been Added

The N.A.C. has a poultry laboratory which is rapidly becoming one of the finest on the campus. The new lab, located above the poultry killing pens, also serves as a classroom and is being remodeled and furnished with new equipment.

With the assistance of the Poultry and Food Industry majors, Prof. Lanson has been assembling new equipment to further the study of the various phases of poultry in the new laboratory. Before long it is expected that the Poultry Department will have one of the most progressive laboratories on the campus.

Further details as to the progress being made will be reported in future issues.

**The Poultry Science
Club Meets the First and
Third Thursdays of
Each Month**



Who's Who on the Faculty

By JACK PERNATIN '50

The following new professors have been added to our faculty during the past summer:

Peter Glick, Jr., B.A.

Assistant Professor of Political Science and Public Speaking; Assistant Football Coach.

Mr. Glick was born in Pittsburgh, Pa., and attended Shady Side Academy where he participated in football and track. From there he went to Princeton University. Professor Glick played varsity football in 1942-43.

During the war he received a commission with the United States Marine Corps and served as a Rifle Platoon leader with the Sixth Marine Division on Okinawa. Before he came here he attended Trenton State Teachers' College where he took courses in Education. While there he coached football and track. Right now Mr. Glick is working on his master's degree in Education at Rutgers University.

* * *

Raino Lanson, B.S., M.S.

Head of the Poultry Department; Associate Professor of Poultry.

Mr. Lanson was educated at Massachusetts State College where he received both his Bachelor's and Master's Degree.

From 1943-48 he was a member of the faculty of the North High School Agricultural Department, Worcester, Massachusetts. Prior to this he was associated with the Eastern State Farmer's Co-operative Experimental Farm, Ellenton, Connecticut.

Professor Lanson has held the positions of Secretary-Treasurer of the Massachusetts Agricultural Teachers' Association and President of the Worcester County Poultry Association.

The professor lives with his wife and two children in New Britain.

* * *

Clinton R. Blackmon, B.S., M.S.

Head of Agronomy Department; Associate Professor of Agronomy.

Mr. Blackmon was born in Florence County, South Carolina and is a graduate of Clemson A. M.

He spent five years in the Army and upon his discharge taught for two years at the University of Massachusetts while studying for his master's degree in Agronomy.

Mr. Blackmon lives with his wife and child in Doylestown.

* * *

Thomas B. Bentley, B.S.

Head of the Dairy and Animal Husbandry Departments; Associate Professor of Dairy and Animal Husbandry.

Professor Bentley was born in Gove County, Kansas, and received his degree from Kansas State College.

Mr. Bentley was associated with the Kansas State Experimental Station in the capacity of herdsman. He spent 40 months as an instructor with the U. S. Infantry, as a drill sergeant.

Before coming here, Professor Bentley worked with the Field Department of Carnation Milk Company.

Mr. Bentley is married and lives in Neshaminy.

STUDENT DROP OUTS

In a new book, *Behind the Academic Curtain*, Dr. Archibald MacIntosh, 48-year-old vice-president of Haverford College, brings twenty years' experience to bear on the problem of keeping the student in college.

The "shocking" truth is that 50 per cent of young men and women entering college this fall will not graduate. The primary cause of students falling by the wayside is academic failure. Next in order is financial difficulties, transfer, personal, health, and domestic causes.

The variation in different types of schools is as follows:

	Per Cent
Junior Colleges	32.1
Men's Colleges	37.0
(over 1,000)	
Women's Colleges	45.2
(under 1,000)	
Women's Colleges	50.6
(over 1,000)	
Men's Colleges	55.5
(under 1,000)	
Co-ed Institutions	55.7
(under 1,000)	
Co-ed Institutions	61.1
(over 1,000)	

The chart also bears out Dr. MacIntosh's premise that student mortality depends primarily on selectivity of admission.

The Veteran's Corner

By GERALD BLITZ '52

A new feature, "The Veteran's Corner," begins with this issue. It will attempt to answer any of the veteran's questions pertaining to the G.I. Bill of Rights.

This column can only exist through your cooperation. So please send in your questions to this writer in room 318 of Ulman Hall.

Q. Is the veteran benefit program complete?

A. No. Veterans' Benefits have been amended and changed by laws passed in almost every session of the Congress.

Q. Is the benefit program likely to shrink?

A. Not on the basis of past experience. New laws in the future will probably broaden it.

Q. Can a veteran who is drawing a pension also get the subsistence allowance?

A. Yes.

Q. Is subsistence allowance paid during Christmas holidays, Easter vacation and special holidays?

A. These are part of the "school year" and are not charged against the thirty-day annual leave.

Q. What is a pension?

A. A pension is a sum of money paid to a veteran because of disability, or paid to his dependents as a result of his death under certain conditions.

Q. Are pensions for disability payable automatically to those entitled to them?

A. Not in all cases. Men discharged from hospitals with obvious disabilities are instructed to file their claims before discharge, but where disabilities become evident after discharge, the veteran must apply for and prove his right to a pension.

Q. On discharge from service I owed four years' back taxes and water rent on my home, which I must pay within six months. Is this an acceptable reason for getting a partially guaranteed loan?

A. Yes. Loans will be approved to take care of back taxes.

FARM FISH PONDS

By DON SELAK '50

The cultivation of fish as a farm crop is getting more and more attention over the country. The federal government publishes pamphlets on the subject, and even supplies fish for propagation under controlled conditions.

Farmers in all parts of the country are building ponds, not only for growing fish, but for the betterment of farm conditions in general. Farm fish ponds are valuable as a source of clean water for domestic animals; the water can be used to irrigate gardens or other farm crops; the pond also provides a ready supply of water for spraying purposes; and ponds, when built close to buildings, are an aid in case of fire. Many farm buildings have been saved where a pond was available to feed hose lines.

A farm fish pond can contribute, providing it is properly managed, to the farm family income. There is also the satisfaction of enjoying its beauty and life. A pond is a fascinating scene through the seasons. It can provide such recreational possibilities as skating in the winter, swimming and picnicking throughout the summer months, a little duck hunting in the fall, and some financial return from muskrat trapping during the winter months.

The source of water must be given the most careful consideration. There must be enough water to avoid drought and the pond should be kept full at all times. But it is just as important to avoid an excess of water. From the fish management point of view, all water flowing from a really productive farm fish pond is wasted.

Farm fish ponds, to serve their purpose, must be fertile, so many dollars should be spent upon fertilizer. The fertilizer stimulates the growth of plant and insect life upon which the very small fish must feed. The larger fish, in turn, feed upon the small fish.

All water leaving the pond must, therefore, be regarded as fertilized water. If too much flows out, the cost of maintaining the fertility is increased. Too great a flow can balk all attempts on the part of the pond owner to keep it fertile.

Although pond water can be gathered

from springs, streams or rain drainage with complete satisfaction, care must be taken to see that it is not contaminated, and that the intake is reasonably regular.

In Bucks County there are many farm fish ponds. They are found in nearly every township, and they average from a quarter to a half acre in size. With a few exceptions, these ponds are excellent bodies of water, built under expert supervision.

At the end of the summer months most of these ponds will be stocked with bass and bluegills. In the years to come they will be a real joy to their owners and valuable assets to the individual farms.

SAM ANGEL ARRIVES IN ISRAEL

Sam Angel, who entered school in February 1947, has arrived in the new state of Israel. Sam, who would have been a junior, left school last June to work on a farm in California, in preparation for his new life. He is now living in a communal settlement in Galilee, with a farm of 1250 acres, supporting sixty cows (Holstein crosses). Barley, wheat and hay are the main crops grown. The soil is extremely stony, and Sam says that people spend their whole lives cleaning their soil to facilitate cultivation.

Iraqi army headquarters are located four miles from the farm and consequently, the settlement resembles an armed camp, with every able-bodied male and female alert for emergency call.

Those of us who knew Sam Angel remember that he always spoke of farming in Israel. Now Sam has gone "home," and we wish to say, "Congratulations, and good luck."

ON THE AIR

In 1931, Lieut. Joseph Frankel conducted the N. F. S. band from Stations WIP and WEA. The band broadcasted over a thirty radio station coast-to-coast hookup.

INFORMATION, PLEASE

The following history test was given to Colorado school teachers and revealed a 67% average grade. Since N. A. C. students claim they know all the answers (?), let's see how well they make out:

1. First ten amendments to the Constitution are known as?
 2. What was the Mayflower Compact?
 3. In what war was the city of Washington burned?
 4. Three provisions of the first amendments to the Constitution?
 5. Declaration of Independence stemmed from what group?
 6. Name three signers of the Declaration of Independence.
 7. The Louisiana purchase was made from what country?
 8. What nation aided the Colonies during the Revolution?
 9. Tories in the Revolution were on who's side?
 10. State briefly the principle of the Monroe Doctrine.
 11. How many years did the Civil War last?
 12. For what purpose was the Lewis and Clark expedition?
 13. Who was the president of the Confederacy?
 14. What was the Dred Scott case?
 15. Who assassinated Lincoln?
 16. What other role did traitor Benedict Arnold play in history?
 17. The immediate cause of the Spanish-American War?
 18. Who were the Mugwumps?
 19. Properties acquired by U.S. in the Spanish-American War?
 20. John Hay's Open Door policy concerned what nation?
 21. Direct cause for U.S. entry into World War II?
 22. The first permanent colony in the New World?
 23. Manhattan Island was purchased from whom? For what price?
 24. Who married Pocahontas?
 25. The "shot heard round the world" was fired where and when?
- (Answers Will Be Found
On Page Fourteen)

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• • GAGGIE-CULTURE • •

Professor: "Can anyone tell me what the Phoenicians are noted for?"
Student: "Blinds."

There was once a man who loved bees.
He was always their friend,
He liked to sit upon their hives.
But they stung him in the end.

Here's one for all you boys who are thinking upon joining the army and knowing how to tell your officers apart: you can do it by the hair on their chests; if he has fuzz he is a corporal; if he has it in curlers he is a second lieutenant.

Do you fellows know that we are all some sort of an animal? We have bare feet, frogs in our throat, calves on our legs and bull on our tongues.

Your weiner dropped in the mud.
Oh! you dirty dog.

Ace: When I get cold, I buy a bottle of whiskey. In a few minutes it's gone.

Frenchy: That's a short time to get rid of a cold.
Ace: Cold—It's the whiskey that's gone.

Is a cow a wild animal?
No, it's domestic.
I always thought it was homogenized.

Greenie: Look, the patch on my pants is falling off.
Mel: Serves you right. "As you sew, so shall you rip."

It was a lovely night. The Aggie smooched: "This is the way I like it . . . kiss . . . kiss and pause . . . kiss and pause."
To which the babe responded:
"The kissing's O. K., but keep your paws to yourself!"

Overnight stops!
Father stopped at the Y. M. C. A., mother stopped at the Y. W. C. A. and daughter stopped at nothing.

SUMMER PRACTICUM (continued from page 8)

ing it with freshly-dug soil from the nearby woods hauled in by the truck load, is never an easy job. But it is especially strenuous when done in the hot houses, where the temperature seldom fell below 125° F. With will power and determination we went on drinking water, swallowing Mr. Rellis' salt tablets, and doing our work faithfully.

Relatively easier jobs were disinfecting soil with tear gas and mixing in organic fertilizer with a rotary tiller.

Geology was the only academic course given during the summer. It was an intensive course, and the tests were frequent, thereby keeping everybody busy.

All in all, the summer work carried a deeper meaning to us than we realized at the time. The intimate, daily association with the farm, its branches, problems and workers, gave us a fuller understanding of agriculture. It created an indefinable, spiritual relationship to farming that no text book or bare university can create.

Furthermore, sharing work with our classmates established among us a cer-

tain feeling of working together. It is this common bond, grown of a common experience, which will strengthen and unify our class.

ANSWERS

(1) Bill of Rights. (2) Agreement drawn up aboard Mayflower—a compact of government for Plymouth. (3) 1812. (4) Freedom of speech, worship, assembly, etc. (5) Continental Congress. (6) Jefferson, Franklin, Hancock (most famous). (7) France. (8) France. (9) England. (10) Closed the Western Hemisphere to European colonization and political interference. (11) 4 years. (12) To explore and open up the Northwest. (13) Jefferson Davis. (14) Runaway slave case in which the Supreme Court ruled that Congress had no power to exclude slavery from territories. (15) J. W. Booth. (16) Victor at Saratoga. (17) "Maine" explosion. (18) Bolters from Republican party in 1884. (19) Philippines, Puerto Rico, Guam. (20) China. (21) Pearl Harbor. (22) Santo Domingo, 1496. (23) Indians—\$24. (24) John Rolfe. (25) Concord, Mass., 1775.

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